

# **CALVERT COUNTY FIRE & RESCUE COMMISSION**

**Tuesday, September 26, 2023 at 18:30 Hours**

## **AGENDA**

PSManagement@calvertcountymd.gov FREMS is inviting you to a scheduled Zoom meeting.

Topic: Fire Rescue Commission Meeting

Time: Sep 26, 2023 06:30 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/84802275460>

Meeting ID: 848 0227 5460

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One tap mobile

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+13052241968,,84802275460# US

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Dial by your location

• +1 301 715 8592 US (Washington DC)

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• +1 309 205 3325 US

• +1 312 626 6799 US (Chicago)

• +1 646 558 8656 US (New York)

• +1 646 931 3860 US

• +1 719 359 4580 US

• +1 253 205 0468 US

• +1 253 215 8782 US (Tacoma)

• +1 346 248 7799 US (Houston)

• +1 360 209 5623 US

• +1 386 347 5053 US

• +1 507 473 4847 US

• +1 564 217 2000 US

• +1 669 444 9171 US

• +1 669 900 9128 US (San Jose)

• +1 689 278 1000 US

Meeting ID: 848 0227 5460

Find your local number: <https://us02web.zoom.us/j/84802275460>

# CALVERT COUNTY FIRE & RESCUE COMMISSION

Tuesday, September 26, 2023 at 18:30 Hours

## AGENDA

### I. CALL TO ORDER

This Meeting is being recorded

- A. Pledge of Allegiance
- B. Moment of Silent Prayer and Reflection

### II. CONFIRMATION OF QUORUM

- A. Commission Members

### III. ATTENDEES PRESENT

- A. Association's FRC Alternates
- B. Department Representatives
- C. FREMS Staff
- D. Guests

### IV. APPROVAL OF AGENDA

- A. Tuesday, September 26, 2023

### V. APPROVAL OF MINUTES

- A. Tuesday, July 25, 2023

### VI. REPORTS

- A. Fire-Rescue-EMS Association – Bill Freesland
- B. Chief's Council – Mike Clark
- C. President's Council – Pat Hassler
- D. EMS Advisory Council – Chuck Threlfall
- E. Fire-Rescue-EMS Division – Jim Richardson
- F. Department of Public Safety – Dave McDowell

### VII. COUNTY FUND & BUDGET

- A. Apparatus Replacement Inspection Committee Report for FY25

#### Apparatus Replacement Inspection - FY'25 Sunday, August 27, 2023

Unit	VIN #	Year	Age	Mileage	Average Annual Mileage	Department Comment	CIP FY'25	Comments	Funding	Loan in Debt
COMMAND 1	1GNWK5EG9DR326248	2013	10				73,000	DEFER 1-year / No show for inspection	0	Completed
COMMAND 2	1GNSKAKC3FR279259	2015	8	123,829	15,479		77,000	REPLACE	77,000	Completed
TOWER 2	4P1CT02H53A003313	2003	20	55,000		Dept. request	0	DEFER 1-year	0	January-28
COMMAND 3A	1GKW2PEG0DR301974	2013	10				77,000	REPLACE	77,000	Completed
AMBULANCE 47	1GB6G5CL0F1156278	2015	9	66,254	7,362		444,000	DEFER 1-year	0	Completed
COMMAND 5	1GNSK2E06ER140488	2014	10				77,000	DEFER 1-year / No show for inspection	0	Completed
AMBULANCE 69	1HTMNAAM4FH710591	2015	9	97,806	10,867		444,000	REPLACE	444,000	Completed
AMBULANCE 77	3ALACWDT9HDJG4305	2017	7	77,613	11,088		444,000	DEFER 1-year	0	January-25
MEDIC 103	1GNSKFEC8JR311706	2018	5	126,564	25,313		115,000	DEFER and reinspect in 1-years	0	Completed
DIVE RESCUE 12	WD3PF4CC8C5648374	2012	13	11,419	878		75,000	DEFER and reinspect in 2-years	0	Completed

1,826,000

598,000

\$1,826,000

Adopted FY'25 CIP

\$598,000

Committee Recommend

(\$1,228,000)

Difference

# CALVERT COUNTY FIRE & RESCUE COMMISSION

Tuesday, September 26, 2023 at 18:30 Hours

## AGENDA

- B. FY'25 to FY'30 CIP Budget Submission (attachment)
- C. FY'25 Budget Work Session Schedule

### Calvert County Fire and Rescue Commission FY 2025 Budget Work Session Schedule

DATE	1800 - 1900	1900 - 2000	2000 - 2100
Thursday, October 12, 2023	Co. 1	Co. 2	Co. 4
Tuesday, October 17, 2023	Co. 6	Co. 3	Co. 7
Thursday, October 19, 2023	Co. 12	Co. 10	Co. 5
Tuesday, October 24, 2023	FRC Final Work Session		

## VIII. CAPITAL PROJECT REPORTS

- A. Co. 3 – Ambulance 39 (\$395,000) FY'23
- B. Co. 4 – Boat 4 Rehab (\$50,000)
- C. Co. 5 – Engine 52 (\$698,000) FY'21
- D. Co. 6 – Ambulance 68 (\$395,000) FY'23
- E. Co. 7 – Ambulance 78 (\$373,000) FY'22

## IX. SPECIAL PROJECTS REPORT FY'24

- A. Co. 2 – Extend Apparatus Concrete Apron (\$40,000)
- B. Co. 3 – Replace Battery Rescue Tools (\$43,500)  
**COMPLETED**
- C. Co. 3 – Replace Gear Washer (\$19,312)
- D. Co. 6 – Replace Confine Space Communications Equipment (\$36,000)
- E. Co. 6 – Rescue Boat (\$65,000)
- F. Co. 7 – Battery Powered Vehicle Extinguishing Device (\$32,000)
- G. Co. 7 – eDraulic Rams (\$24,000)

## X. OLD BUSINESS

- A. Poll Vote Items
- B. Apparatus & Equipment Update/Revisions  
None

## XI. ACTION ITEMS

# **CALVERT COUNTY FIRE & RESCUE COMMISSION**

**Tuesday, September 26, 2023 at 18:30 Hours**

## **AGENDA**

- A.** Closed Items
- B.** Open Items
  - 1. FREMS Maritime Strategic Planning Committee Update

### **XII. NEW BUSINESS**

- A.** Fire Rescue EMS Association Action Items (attachments)
- B.** Apparatus Funding Committee Review (attachments)

### **XIII. CORRESPONDENCE**

### **XIV. PUBLIC COMMENT**

### **XV. GOOD OF THE ORDER**

- A.** Next Meeting Date is schedule is October 31, 2023, at 18:30 hours held virtually and in-person

### **XVI. ADJOURNMENT**

**CALVERT COUNTY FIRE & RESCUE COMMISSION**

**Tuesday, September 26, 2023 at 18:30 Hours**

**AGENDA**

# **MINUTES**

# **CALVERT COUNTY FIRE & RESCUE COMMISSION**

**Tuesday, July 25, 2023 at 18:30 Hours**

## **MINUTES**

### **I. CALL TO ORDER**

This Meeting is being recorded

**A.** Pledge of Allegiance

**B.** Moment of Silent Prayer and Reflection

Meeting called to order at 1830 hours by Chairman, Tom Breen

### **II. CONFIRMATION OF QUORUM**

**A.** Commission Members

Present –

Tom Breen, Chairman

Gene Farrell, Vice Chairman

Dave McDowell, Secretary

Ashley Bless, Member

Tommy Howes, Member

**Absent –**

Bob Desverreaux, Member

### **III. ATTENDEES PRESENT**

**A.** Association's FRC Alternates

Present –

Donald Gibson

Bucky Dowell

Absent –

None

**B.** Department Representatives

Co. 1 –

Chris Mills, Chief 1

Joey Ortenzo, VP1

Co. 2 –

Pat Hassler, President 2

Willie Gray – Chief 2

Co. 3 –

Terry Anderson, President 3

Jonathan Dalrymple, Chief 3

Clifton Buchanan, Engineer 3

# **CALVERT COUNTY FIRE & RESCUE COMMISSION**

**Tuesday, July 25, 2023 at 18:30 Hours**

## **MINUTES**

Co. 4 –

Crystal Honeycutt

Pat Hassler, Acting Administration

Dale Bowen, Acting Administration

Co. 5 –

None

Co. 6 –

Mike Clark, Chief 6A

Tim Clark, Chief 6

Co. 7 –

Brent Lankford, Chief 7

Kinsey Weems, President 7

Erin Parks, Vice President 7

Co. 10 –

None

Co. 12 –

Lori Lodge, President 12

### **C. FREMS Staff**

Jim Richardson, Division Chief

Monty Parks, Operations Specialist

Kayti Gatton, Administrative Coordinator

### **D. Guests**

None

## **IV. APPROVAL OF AGENDA**

### **A. Tuesday, July 25, 2023**

Motion to approve with the correction of minutes to read May 25, 2023 by Ashley Bless, seconded by Gene Farrell, motion passed with no objections 5-0-1

## **V. APPROVAL OF MINUTES**

### **A. Tuesday, May 30, 2023**

Motion to approve by Tommy Howes, seconded by Ashley Bless, motion passed with no objections, 5-0-1

# **CALVERT COUNTY FIRE & RESCUE COMMISSION**

**Tuesday, July 25, 2023 at 18:30 Hours**

## **MINUTES**

### **VI. REPORTS**

- A. Fire-Rescue-EMS Association – ~~Bill Freeland~~ Pat Hassler**
  - 1. Action items on agenda for approval
  - 2. Forwarded FREMA's recommendation for Ashley Bless to continue FRC term as citizen rep
  - 3. Continues to maintain working relationship with Co. 4
- B. Chief's Council – Mike Clark**
  - 1. Action items on agenda for approval
  - 2. Subcommittee created for after action review
  - 3. Apparatus Committee created a draft for replacement review, which will be ready by the September FRC meeting
- C. President's Council – Pat Hassler**
  - 1. Social Media Policy is currently with the County Administrator
- D. EMS Advisory Council – ~~Chuck Threlfall~~ Absent**  
No Report
- E. Fire-Rescue-EMS Division – Jim Richardson**  
Pull report
- F. Department of Public Safety – Dave McDowell**  
Appreciates all of the hard work and dedication assisting with the LODD for Firefighter, Brice Trossbach

### **VII. COUNTY FUND & BUDGET**

### **VIII. CAPITAL PROJECT REPORTS**

- A. Co. 3 – Ambulance 37 (\$373,000) FY'22**  
**COMPLETED**
- B. Co. 3 – Ambulance 39 (\$395,000) FY'23**  
Waiting on specifications
- C. Co. 4 – Boat 4 Rehab (\$50,000)**  
No Report
- D. Co. 5 – Engine 52 (\$698,000) FY'21**  
No Report
- E. Co. 6 – Ambulance 68 (\$395,000) FY'23**  
Due for delivery January 2024
- F. Co. 7 – Ambulance 78 (\$373,000) FY'22**  
Due for delivery August 2023

### **IX. SPECIAL PROJECTS REPORT FY'24**

- A. Co. 2 – Extend Apparatus Concrete Apron (\$40,000)**  
Working with vendor for a scope of work

# **CALVERT COUNTY FIRE & RESCUE COMMISSION**

**Tuesday, July 25, 2023 at 18:30 Hours**

## **MINUTES**

- B.** Co. 3 – Replace Battery Rescue Tools (\$43,500)  
Meeting with vendor first week of August
- C.** Co. 3 – Replace Gear Washer (\$19,312)  
Work on procurement processes
- D.** Co. 6 – Replace Confine Space Communications Equipment (\$36,000)  
Deferred to New Business C.
- E.** Co. 6 – Rescue Boat (\$50,000)  
Deferred to New Business C.
- F.** Co. 6 – Maze Prop (\$15,000)  
Deferred to New Business C.
- G.** Co. 7 – Battery Powered Vehicle Extinguishing Device (\$32,000)  
Invoice submitted for payment
- H.** Co. 7 – eDraulic Rams (\$24,000)  
In progress

### **X. OLD BUSINESS**

- A.** Poll Vote Items
- B.** Apparatus & Equipment Update/Revisions  
Tower 2 Letter (Informational Only)

### **XI. ACTION ITEMS**

- A.** Closed Items
- B.** Open Items
  - 1. FREMS Maritime Strategic Planning Committee Update  
No meeting currently scheduled

### **XII. NEW BUSINESS**

- A.** Fire Rescue EMS Association Action Items
  - 1. Boat 3 Specifications  
Motion to approve by Gene Farrell, seconded by Ashley Bless, motion passed with no objections, 5-0-1
  - 2. Structure Fire SOP  
Motion to approve with the additional of tactical worksheet and cliff notes by Tommy Howes, seconded by Gene Farrell, motion passed with no objections, 5-0-1
  - 3. Officer Standards  
Motion to approve by Tommy Howes, seconded by Ashley Bless, motion passed with no objections, 5-0-1
- B.** Ambulance 68 Concern  
Motion to approve to deadline A68, and using a ready reserve, while waiting for the arrival of new A68, by Tommy Howes, seconded by Ashley Bless, motion passed with no objections, 4-0-2 (Gene Farrell abstained)

# **CALVERT COUNTY FIRE & RESCUE COMMISSION**

**Tuesday, July 25, 2023 at 18:30 Hours**

## **MINUTES**

**C. Huntingtown VFD Special Project Request**

Motion to approve reallocate Maze special project (\$15,000) to cover updated quote cost for the Confined Space equipment by Ashley Bless, seconded by Tommy Howes, motion passed with no objections 4-0-2 (Gene Farrell abstained)

**XIII. CORRESPONDENCE**

None

**XIV. PUBLIC COMMENT**

None

**XV. GOOD OF THE ORDER**

**A.** Next Meeting Date is schedule is September 26, 2023, at 18:30 hours held virtually and in-person

**XVI. ADJOURNMENT**

Motion to adjourn by Tommy Howes, seconded by Ashley Bless, motion passed with no objection 5-0-1

Meeting adjourn at 1903 hours

**CALVERT COUNTY FIRE & RESCUE COMMISSION**

**Tuesday, September 26, 2023 at 18:30 Hours**

**AGENDA**

**COUNTY FUND & BUDGET  
B.**

## Volunteer FREMS Capital Improvement Projects (CIP)

	2025	2026	2027	2028	2029	2030
AMB. 18 (medium)			499,000			
AMB. 19 (medium)		471,000				
BOAT 1 (+/- 44-feet)						
BOAT 1 (rehab)				306,000		
BRUSH 1						
COMMAND 1		77,000				
ENGINE 12						
ENGINE 11						
SQUAD 1						
TOWER 1						
BRUSH 2						183,000
COMMAND 2	75,000					
ENGINE 21				811,000		
ENGINE 22						
SQUAD 2						
TANKER 2						
TOWER 2					1,762,000	
AMB. 37 (medium)						
AMB. 38 (medium)				529,000		
AMB. 39 (medium)						
BOAT 3 (+/- 44-feet)						
BOAT 3 (rehab)						
BRUSH 3						
COMMAND 3			80,000			
COMMAND 3A	75,000					
ENGINE 31						
ENGINE 33 / TANKER 3						
ENGINE 34						
SQUAD 3						
TRUCK 3						
AMB. 47 (Medium Duty)		471,000				
AMB. 48 (Medium Duty)						
AMB. 49 (Medium Duty)						
BOAT 4 (+/- 28-feet)						
BOAT 4 (rehab)						
COMMAND 4		77,000				
AMB. 59 (Type I)			499,000			
BRUSH 5						
COMMAND 5		77,000				
ENGINE 51		810,000				
ENGINE 52						
RESCUE 5					1,043,000	
TRUCK 5						
TANKER 5						

## Volunteer FREMS Capital Improvement Projects (CIP)

	2025	2026	2027	2028	2029	2030
AMB. 68 (medium)						
AMB. 69 (medium)	444,000					
BRUSH 6						
COMMAND 6						
ENGINE 61						
ENGINE 62						
SQUAD 6						
TANKER 6						
AMB. 77 (medium)		471,000				
AMB. 78 (medium)						530,000
AMB. 79 (medium)					515,000	
BRUSH 7						
COMMAND 7				77,000		
ENGINE 71						
ENGINE 72						
SQUAD 7						
SQUAD 7 (Minor Rehab)						
SQUAD 7 (Rental)						
TANKER 7						
MCU / REHAB 7						
MEDIC 101				125,000		
MEDIC 102			121,000			
MEDIC 103		118,000				133,000
MEDIC 104				125,000		
MEDIC 105			121,000			
UTILITY 10				82,000		
DIVE RESCUE 12		108,000				
BOAT 12 (+/- 28-feet)						
BOAT 12 (rehab)						
UTILITY 12						
<b>APPARATUS</b>	594,000	2,680,000	1,320,000	2,055,000	3,320,000	846,000
<i>Compare FY'24 Adopted</i>	(1,232,000)					
	2025	2026	2027	2028	2029	2030
Co. 3 - Replace Building		1,000,000	11,000,000	11,000,000		
Co. 6 - Replace Building				2,250,000	1,850,000	32,200,000
Co. 7 - Replace Building	11,000,000	10,000,000				
<b>FACILITY</b>	11,000,000	11,000,000	11,000,000	13,250,000	1,850,000	32,200,000
<b>TOTAL COMBINED</b>	<b>11,594,000</b>	<b>13,680,000</b>	<b>12,320,000</b>	<b>15,305,000</b>	<b>5,170,000</b>	<b>33,046,000</b>

**CALVERT COUNTY FIRE & RESCUE COMMISSION**

**Tuesday, September 26, 2023 at 18:30 Hours**

**AGENDA**

**NEW BUSINESS**  
**A.**



# Calvert County Volunteer Fire, Rescue, & EMS Association

P.O. Box 113

Prince Frederick, Maryland 20678

September 13, 2023

Calvert County Fire-Rescue-EMS Division  
Fire Rescue Commission  
175 Main Street  
Prince Frederick, MD 20678

Dear Chairman Breen,

On August 14, 2023, the Calvert County Volunteer Fire, Rescue, & EMS Association reviewed and/or approved the following:

1. Fire/Rescue Boat Crew Member Standards (attached)
2. Fire/Rescue Boat Operator Standards (attached)

On September 11, 2023, the Calvert County Volunteer Fire, Rescue, & EMS Association reviewed and/or approved the following:

1. Specifications for Brush 6 (attached)

Favorable review of the above items at your September 26, 2023 FRC meeting would be appreciated. If you have any questions, please do not hesitate to contact me.

Sincerely,

*J.W. Freesland III/ubl*

J.W. Freesland III  
President  
Calvert County Fire Rescue & EMS Association

Enclosures & Attachments



Calvert County Volunteer Fire, Rescue, & EMS Association  
P.O. Box 113  
Prince Frederick, Maryland 20678



**CALVERT COUNTY VOLUNTEER FIRE & RESCUE ASSOCIATION  
CHIEFS COUNCIL**  
175 Main Street, Courthouse  
Prince Frederick, Maryland 20678

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July 11<sup>th</sup>, 2023

J. William Freesland, President  
Calvert County VFRA

President Freesland,

At the July 10th, 2023 meeting of the Calvert County Chief's Council, held at the Prince Frederick VFD, the following items were approved:

- 1) Approved the following Standards
  - a. Fire/Rescue Boat Crew Member
  - b. Fire/Rescue Boat Operator

Also, at the July 10<sup>th</sup>, 2023, the following items were approved, but do not require further action from the Fire/Rescue Association:

- 1) Approved EMS-20 A through E nomenclature, to identify which shift supervisor is working as EMS 20.
- 2) Approved the radio designation "8" for the Chief's Council Chair and Co-Chair in the event the county EOC is activated. This is for apparatus and staffing coordination.

Please do not hesitate to contact me with any questions, comments, or concerns.

Respectfully,

A handwritten signature in blue ink that reads "Michael D. Clark, Jr.".

Michael D. Clark, Jr.  
Chair  
Calvert County Chief's Council



Calvert County Volunteer Fire, Rescue, & EMS Association  
P.O. Box 113  
Prince Frederick, Maryland 20678



**CALVERT COUNTY VOLUNTEER FIRE & RESCUE ASSOCIATION**  
**CHIEFS COUNCIL**  
175 Main Street, Courthouse  
Prince Frederick, Maryland 20678

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August 15<sup>th</sup>, 2023

J. William Freesland, President  
Calvert County VFRA

President Freesland,

At the August 14<sup>th</sup>, 2023 meeting of the Calvert County Chief's Council, held at the Prince Frederick VFD, the following items were approved:

- 1) Approved the following:
  - a. Specifications for Brush 6 (Attached)
  - b. Automatic dispatches for Utility Companies and Fire Marshall

Also, at the August 14<sup>th</sup>, 2023, the following items were approved, but do not require further action from the Fire/Rescue Association:

- 1) Drafted a letter to Dorchester County regarding radio issues with the draft MOU.
- 2) Discussed tasks to be assigned to the Communications Committee.

Please do not hesitate to contact me with any questions, comments, or concerns.

Respectfully,

A handwritten signature in blue ink that reads "Michael D. Clark, Jr.".

Michael D. Clark, Jr.  
Chair  
Calvert County Chief's Council

**CALVERT COUNTY VOLUNTEER FIRE-RESCUE-EMS DEPARTMENTS**  
**FIRE/RESCUE BOAT CREW MEMBER MINIMUM STANDARD**  
**EFFECTIVE: DRAFT**

**I. PURPOSE**

The following are the minimum standards for Fire/Rescue Boat Crew Members that shall be met by all fire and rescue departments before a member is authorized to serve as a crew member on a water vessel within Calvert County. Member Companies may add to these standards in order for a member to serve as a crew member on any particular vessel.

**II. GUIDELINE**

**a. Administrative**

1. Maryland Boaters' Safety Class or equivalent
2. Swim Test, performed without the use of any flotation device:
  - a. Deep Water Jump  
Jump into deep water from an elevated platform, surface and return to safety
  - b. 50-yard swim (using any stroke)
  - c. Tread water for 5 minutes

**b. Emergency Equipment (Know Location and How to Use)**

1. Engine compartment and / or other fire control system (If applicable)
2. Life raft location (If applicable)
3. Emergency flare kit
4. Fire extinguisher
5. VHF radio operations and distress call procedures
6. MOB activation on GPS

**c. Lighting Equipment (Know Switch Location and How to Use)**

1. Spotlight operations
2. Scene Lighting
3. Deck Lighting
4. Swim Platform Lighting (If applicable)

**d. Boat Equipment (Know Location and How to Use)**

1. Anchor and line
2. Extra ropes and their uses
3. EMS Equipment
4. PFD's
5. Drive ladder/ Bow ladder / Dive door
6. Throw ring and bag
7. Fire axe, bars, poles, and hooks

**e. Placing Boat Back in Service**

1. Shoreline connection
2. Equipment stowage
3. Shore power

**CALVERT COUNTY VOLUNTEER FIRE-RESCUE-EMS DEPARTMENTS  
FIRE/RESCUE BOAT CREW MEMBER MINIMUM STANDARD  
EFFECTIVE: **DRAFT****

**INSPECTION CERTIFICATIONS**

Company #: \_\_\_\_\_

Boat #: \_\_\_\_\_

Crew Member (Printed): \_\_\_\_\_

Crew Member (Signature): \_\_\_\_\_

Pass Date: \_\_\_\_\_

Chief of Dept: \_\_\_\_\_

**APPROVALS:**

\_\_\_\_\_, Chair  
Calvert County Chief's Council

\_\_\_\_\_  
Date

\_\_\_\_\_, President  
Calvert County Fire and Rescue Association

\_\_\_\_\_  
Date

\_\_\_\_\_, Chair  
Calvert County Fire and Rescue Commission

\_\_\_\_\_  
Date

**CALVERT COUNTY VOLUNTEER FIRE-RESCUE-EMS DEPARTMENTS**  
**FIRE/RESCUE BOAT OPERATOR MINIMUM STANDARD**  
**EFFECTIVE: *DRAFT***

**I. PURPOSE**

The following are the minimum standards for Fire/Rescue Boat Operator that shall be met by all fire and rescue departments before a member is authorized to serve as a boat operator on a water vessel within Calvert County. The items listed in this standard are skill based and shall be enforced by the member companies.

Member Companies that operate Fire or Rescue Boats must also have a documented training program for Boat Operators that meets these standards, and may add to these standards in order to allow a member to serve as a Boat Operator on any particular vessel.

**II. GUIDELINE**

**a. Administrative**

1. Must have completed the Fire/Rescue Boat Crew Member requirements as set forth in the County Standard

**b. Approaching Dock/Departing Dock**

1. Communicates effectively/orderly with crew
2. Coordinates dock line release and departs approaches/departs dock in a controlled manner
3. Proper etiquette while approaching/departing anchorage/harbors
  - a. Described as no wake, proper speed, fenders stored at appropriate time, and lines secured

**c. Navigating Marked Channels and Open Water**

1. Travels on correct side utilizing markers and landmarks
2. Allows sufficient space for oncoming vessels and when overtaking vessels
3. Able to recognize navigational hazards
  - a. Described as rocks, jetties, shoreline, debris, sand bars, etc.
4. Understands tide, current and wind effect while operating vessel

**d. Victim in the Water/MOB Operations**

1. Controlled approach
2. Considers wind, waves and currents; positions vessel to protect victim
3. Move vessel to allow victim to be hauled up from water onto vessel

**e. Instruments/Electronics**

1. Ability to use all of the safety and navigation systems installed on the vessel being operated. This may include radar/GPS/chart-plotter, FLIR camera, engine computer controls, VHF/800 radios, depth sounder, etc.

**CALVERT COUNTY VOLUNTEER FIRE-RESCUE-EMS DEPARTMENTS  
FIRE/RESCUE BOAT OPERATOR MINIMUM STANDARD  
EFFECTIVE: *DRAFT***

**INSPECTION CERTIFICATIONS**

Company #: \_\_\_\_\_

Boat #: \_\_\_\_\_

Boat Operator (Printed): \_\_\_\_\_

Boat Operator (Signature): \_\_\_\_\_

Pass Date: \_\_\_\_\_

Chief of Dept: \_\_\_\_\_

**APPROVALS:**

\_\_\_\_\_, Chair  
Calvert County Chief's Council

\_\_\_\_\_  
Date


\_\_\_\_\_, President  
Calvert County Fire and Rescue Association

\_\_\_\_\_  
Date

\_\_\_\_\_, Chair  
Calvert County Fire and Rescue Commission

\_\_\_\_\_  
Date

# Huntingtown Volunteer Fire Department Brush 6 Specifications

Vehicle: [Fleet] 2024 Chevrolet Silverado 3500HD (CK30943) 4WD Crew Cab 172" Work Truck (  Complete )

## Selected Model and Options

### MODEL

#### CODE MODEL

CK30943 2024 Chevrolet Silverado 3500HD 4WD Crew Cab 172" Work Truck

### COLORS

#### CODE DESCRIPTION

GAZ Summit White

### OPTIONS

#### CODE DESCRIPTION

\_\_\_ Battery, heavy-duty dual 730 cold-cranking amps/70 Amp-hr maintenance-free with rundown protection and retained accessory power (Included and only available with (L5P) Duramax 6.6L Turbo-Diesel V8 engine.)

\_\_\_ Capped Fuel Fill (Included and only available with (L5P) Duramax 6.6L Turbo-Diesel V8 engine or (ZW9) pickup bed delete.)

1WT Work Truck Preferred Equipment Group includes standard equipment

5N5 Rear Camera Kit Kit includes camera, fixed position bracket & 19 ft cable with attachment clips. Rear camera radio calibration provided from the factory. See Upfitter Integration Bulletin for installation instructions at [www.gmupfitter.com](http://www.gmupfitter.com) (Requires (ZW9) pickup bed delete.)

5Y1 Seats, Driver and passenger front individual seats Driver and passenger front individual seats derived from a 40- 20-40 split bench seat with the 20% section removed. Also removes the USB port and auxiliary power outlet when (AZ3) bench seat is ordered. Does not include a floor console. All exposed floor area will remain untrimmed. (Not available with (B30) color-keyed carpeting.)

8S3 Backup alarm, 97 decibels (Not available with SEO (SFW) back-up alarm calibration, (CMT) Gooseneck / 5th Wheel Package or (UY2) trailer wiring provisions.)

9J4 Bumper, rear, delete (Included and only available with (ZW9) pickup bed delete.)

AKO Glass, deep-tinted (Included with (PCV) WT Convenience Package.)

AZ3 Seats, front 40/20/40 split-bench with covered armrest storage and under-seat storage (lockable) (STD) BHP

Winter Grille Cover (Included and only available with (L5P) Duramax 6.6L Turbo-Diesel V8 engine.) C49

Defogger, rear-window electric (Included with (PCV) WT Convenience Package.)


DBG Mirrors, outside power-adjustable vertical trailering with heated upper glass lower convex mirrors, integrated turn signals, manual folding/extending (extends 3.31" [84.25mm]) (Included and only available with (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)

GAZ Summit White

GU6 Rear axle, 3.42 ratio (Included and only available with (L5P) Duramax 6.6L Turbo-Diesel V8 engine.)

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Data Version: 19000. Data Updated: Mar 21, 2023 6:42:00 PM PDT.

Vehicle: [Fleet] 2024 Chevrolet Silverado 3500HD (CK30943) 4WD Crew Cab 172" Work Truck (  Complete )

## OPTIONS

### CODE DESCRIPTION

H2G Jet Black, Vinyl seat trim

IOR Audio system, Chevrolet Infotainment 3 system, 7" diagonal color touchscreen, AM/FM stereo. Additional features for compatible phones include: Bluetooth audio streaming for 2 active devices, voice command pass-through to phone, wireless Apple CarPlay and Android Auto capable. (STD)

JGT GVWR, 12,250 lbs. (5557 kg) with single rear wheels (Included and only available with CK30943 model and (L5P) Duramax 6.6L Turbo-Diesel V8 engine. Requires single rear wheels.)

JL1 Trailer brake controller, integrated (Requires (ZLQ) WT Fleet Convenience Package, (PCV) WT Convenience Package or (L5P) Duramax 6.6L Turbo-Diesel V8 engine. Included with (CMT) Gooseneck / 5th Wheel Package.)

K05 Engine block heater (Included with (L5P) Duramax 6.6L Turbo-Diesel V8 engine.)

K34 Cruise control, electronic with set and resume speed, steering wheel-mounted (Included with (PCV) WT Convenience Package.)

K40 Exhaust brake (Included and only available with (L5P) Duramax 6.6L Turbo-Diesel V8 engine.)

KHF Alternators, dual, 220-amps primary, 170-amps auxiliary (Requires (K4Z) auxiliary battery with (L8T) 6.6L V8 gas engine.)

KI4 Power outlet, interior, 120-volt (400 watts shared with (KC9) bed mounted power outlet) (Requires (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)

L5P Engine, Duramax 6.6L Turbo-Diesel V8, B20-Diesel compatible (470 hp [350.5 kW] @ 2800 rpm, 975 lb-ft of torque [1322 Nm] @ 1600 rpm) (Requires (JL1) trailer brake controller. Regular Cab model requires (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package.)

MGM Transmission, Allison 10-speed automatic (Included and only available with (L5P) Duramax 6.6L Turbo-Diesel V8 engine. Not available with (PTO) Power Take-Off.)

NE1 Emissions, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington state requirements

NQH Transfer case, two-speed active electronic Autotrac with push button control (Requires 4WD models.)

NZZ Skid Plates protect the oil pan, front axle and transfer case (Included with (Z71) Z71 Off-Road Package or (VYU) Snow Plow Prep/Camper Package.)

PCV WT Convenience Package includes (QT5) EZ Lift power lock and release tailgate, (AKO) tinted windows, (C49) rear-window defogger, (K34) cruise control, (DBG) power trailer mirrors with heated upper glass and manual extending/folding (Not available with (ZLQ) WT Fleet Convenience Package. Required on Regular Cab models with (L5P) Duramax 6.6L Turbo-Diesel V8 engine. (DBG) trailering mirrors may be upgraded to (DWI) trailering mirrors or (DLN) mirrors. Not available with CC30943 or CC30953 dual rear wheel models with (ZW9) pickup bed delete.)

PYV Wheels, 18" (45.7 cm) machined aluminum with Silver painted accents, 6-spoke (Requires single rear wheels.) QF6


Tires, LT275/70R18E all-terrain, blackwall (STD) (Requires single rear wheels.)

SRW Single Rear Wheels (STD)

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Vehicle: [Fleet] 2024 Chevrolet Silverado 3500HD (CK30943) 4WD Crew Cab 172" Work Truck (  Complete )


OPTIONS

CODE DESCRIPTION

- U01 Lamps, Smoked Amber roof marker, (LED) (Included with (ANQ) Alaskan Snow Plow Special Edition. Standard with dual rear wheels. Not available with (YF5) California state emissions requirements on single rear wheels.)
- UF3 High idle switch (Requires (K34) Cruise Control or (KSG) Adaptive Cruise Control. Not available with (PTO) Power Take-Off.)
- VXW LPO, Off-Road High Clearance Steps (dealer-installed) (Not available at start of production. Requires Crew Cab model. Not available with any other assist steps.)
- VYU Snow Plow Prep/Camper Package includes (KW5) 220-amp alternator, includes increased front GAWR on Heavy Duty models, (NZZ) skid plates (transfer case and oil pan), pass through dash grommet hole and roof emergency light provisions. Contact GM Upfitter Integration at [www.gmupfitter.com](http://www.gmupfitter.com) for plow installation details and assistance. Note: if ordered for Camper usage, recommend ordering (UY2) Trailering wiring provisions (Requires 4WD model. Upgradeable to (KHF) Dual alternators (220-amp primary, 170-amp auxiliary). Included with (ANQ) Alaskan Snow Plow Special Edition. Not available with (F60) Heavy Duty Front Spring/Camper Package.)
- ZW9 Pickup bed, delete includes capped fuel fill, (SFW) Back-up alarm calibration, (9J4) rear bumper delete, (9L3) spare tire delete and spare tire carrier delete. (Requires long bed model and 17" or 18" wheels.) \*CREDIT\*
- ZYG Tire, spare LT275/70R18 all-terrain, blackwall (STD) (Included and only available with (QF6) LT275/70R18E all terrain, blackwall tires with (E63) Durabed, pickup bed single rear wheel models. Available to order when (ZW9) pickup bed delete and (QF6) LT275/70R18E all-terrain, blackwall tires are ordered with single rear wheel models. Not available with dual rear wheels.)

Options Total

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Vehicle: [Fleet] 2024 Chevrolet Silverado 3500HD (CK30943) 4WD Crew Cab 172" Work Truck (  Complete )

Standard Equipment

Package

Trailer Package includes trailer hitch, 7-pin connector and (CTT) Hitch Guidance (Deleted when (ZW9) pickup bed delete is ordered.)

## Mechanical

Engine, 6.6L V8 with Direct Injection and Variable Valve Timing, gasoline (401 hp [299 kW] @ 5200 rpm, 464 lb ft of torque [629 N-m] @ 4000 rpm) (STD)

Transmission, Allison 10-speed automatic (STD) (Standard with (L8T) 6.6L V8 gas engine.)

Rear axle, 3.73 ratio (STD) (Requires (L8T) 6.6L V8 gas engine. Not available with (L5P) Duramax 6.6L Turbo Diesel V8 engine.)

Durabed, pickup bed (STD)

GVWR, 11,700 lbs. (5307 kg) with single rear wheels (STD) (Included and only available with CK30943 model and (L8T) 6.6L V8 gas engine. Requires single rear wheels.)

Push Button Start

Air filter, heavy-duty

Air filtration monitoring

Transfer case, two-speed electronic shift with push button controls (Requires 4WD models.)

Auto-locking rear differential

Four wheel drive

Cooling, external engine oil cooler

Cooling, auxiliary external transmission oil cooler

Battery, heavy-duty 720 cold-cranking amps/80 Amp-hr maintenance-free with rundown protection and retained accessory power (Included and only available with (L8T) 6.6L V8 gas engine.)

Alternator, 170 amps (Requires (L8T) 6.6L V8 gas engine.)

Recovery hooks, front, frame-mounted, Black

Frame, fully-boxed, hydroformed front section and a fully-boxed stamped rear section

Suspension Package

Steering, Recirculating ball with smart flow power steering system

Brakes, 4-wheel antilock, 4-wheel disc with DURALIFE rotors

Brake lining wear indicator


Capless Fuel Fill (Requires (L8T) 6.6L V8 gas engine. Not available with (ZW9) pickup bed delete.)

Exhaust, single, side

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Vehicle: [Fleet] 2024 Chevrolet Silverado 3500HD (CK30943) 4WD Crew Cab 172" Work Truck (  Complete )

## Exterior

Wheels, 18" (45.7 cm) painted steel (STD) (Requires single rear wheels.)

Tires, LT275/70R18E all-terrain, blackwall (STD) (Requires single rear wheels.)

Tire, spare LT275/70R18 all-terrain, blackwall (STD) (Included and only available with (QF6) LT275/70R18E all terrain, blackwall tires with (E63) Durabed, pickup bed single rear wheel models. Available to order when (ZW9)

pickup bed delete and (QF6) LT275/70R18E all-terrain, blackwall tires are ordered with single rear wheel models. Not available with dual rear wheels.)

Single Rear Wheels (STD)

Tire carrier lock keyed cylinder lock that utilizes same key as ignition and door (Deleted with (ZW9) pickup bed delete.)

Bumpers, front, Black

Bumpers, rear, Black

BedStep, Black integrated on forward portion of bed on driver and passenger side (Deleted when (ZW9) pickup bed delete is ordered.)

CornerStep, rear bumper

Moldings, beltline, Black

Cargo tie downs (12), fixed, rated at 500 lbs per corner (Deleted with (ZW9) pickup bed delete.)

Headlamps, halogen reflector with halogen Daytime Running Lamps

IntelliBeam, automatic high beam on/off

Taillamps, with incandescent tail, stop and reverse lights (Note: Trucks equipped with dual rear wheels will feature LED signature tail and stop lamps, with incandescent reverse lamp.)

Lamps, cargo area cab mounted integrated with center high mount stop lamp, with switch in bank on left side of steering wheel

Mirrors, outside high-visibility vertical trailering lower convex mirrors, manual-folding/extending (extends 3.31" [84.25mm]), molded in Black (Not included on Regular Cab models.)

Mirror caps, Black

Glass, solar absorbing, tinted

Door handles, Black grained

Tailgate, standard (Deleted with (ZW9) pickup bed delete.)

Tailgate and bed rail protection cap, top


Tailgate, locking, utilizes same key as ignition and door (Upgraded to (QT5) EZ Lift power lock and release tailgate when (PCV) WT Convenience Package or (ZLQ) WT Fleet Convenience Package is ordered. Not available with (ZW9) pickup bed delete.)

Tailgate, gate function manual, no EZ Lift (Deleted with (ZW9) pickup bed delete.)

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Vehicle: [Fleet] 2024 Chevrolet Silverado 3500HD (CK30943) 4WD Crew Cab 172" Work Truck (  Complete )

## Entertainment

Audio system, Chevrolet Infotainment 3 system, 7" diagonal color touchscreen, AM/FM stereo. Additional features for compatible phones include: Bluetooth audio streaming for 2 active devices, voice command pass through to phone, wireless Apple CarPlay and Android Auto capable. (STD)

Audio system feature, 6-speaker system (Requires Crew Cab or Double Cab model.)

Bluetooth for phone connectivity to vehicle infotainment system

Wireless Phone Projection for Apple CarPlay and Android Auto

Wi-Fi Hotspot capable (Terms and limitations apply. See onstar.com or dealer for details.)

## Interior

Seats, front 40/20/40 split-bench with covered armrest storage and under-seat storage (lockable) (STD)

Seat trim, Vinyl

Seat adjuster, driver 4-way manual

Seat adjuster, passenger 4-way manual

Seat, rear 60/40 folding bench (folds up), 3-passenger (includes child seat top tether anchor) (Requires Crew Cab or Double Cab model.)

Floor covering, rubberized-vinyl (Not available with LPO floor liners.)

Steering wheel, urethane

Steering column, manual tilt and telescoping (Beginning February 27, 2023 certain vehicles will be forced to include (N37) manual tilt/telescoping steering column that will remove the (N33) Tilt-Wheel manual steering column. Does not include later dealer retrofit. See dealer for details or the window label for the features on a specific vehicle.)

Instrument cluster, 6-gauge cluster featuring speedometer, fuel level, engine temperature, tachometer, voltage and oil pressure

Driver Information Center, 3.5" diagonal monochromatic display

Exterior Temperature Display located in radio display

Compass, located in instrument cluster

Window, power front, drivers express up/down

Window, power front, passenger express down

Windows, power rear, express down (Not available with Regular Cab models.)

Door locks, power

Remote Keyless Entry with 2 transmitters


Power outlet, front auxiliary, 12-volt

USB Ports, 2, Charge/Data ports located on instrument panel

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Vehicle: [Fleet] 2024 Chevrolet Silverado 3500HD (CK30943) 4WD Crew Cab 172" Work Truck (  Complete )

## Interior

Air conditioning, single-zone

Air vents, rear, heating/cooling (Not available on Regular Cab models.)

Mirror, inside rearview, manual tilt

Assist handles front A-pillar mounted for driver and passenger, rear B-pillar mounted

Chevrolet Connected Access capable (Subject to terms. See onstar.com or dealer for details.)

## Safety-Mechanical

Automatic Emergency Braking

## Front Pedestrian Braking

StabiliTrak, stability control system with Proactive Roll Avoidance and traction control includes electronic trailer sway control and hill start assist

## Safety-Exterior

Daytime Running Lamps with automatic exterior lamp control

## Safety-Interior

Airbags, Dual-stage frontal airbags for driver and front outboard passenger; Seat-mounted side-impact airbags for driver and front outboard passenger; Head-curtain airbags for front and rear outboard seating positions; Includes front outboard Passenger Sensing System for frontal outboard passenger airbag (Always use seat belts and child restraints. Children are safer when properly secured in a rear seat in the appropriate child restraint. See the Owner's Manual for more information.)

OnStar and Chevrolet connected services capable (Terms and limitations apply. See [onstar.com](https://onstar.com) or dealer for details.)

HD Rear Vision Camera (Deleted when (ZW9) pickup bed delete is ordered.)

Hitch Guidance dynamic single line to aid in trailer alignment for hitching (Deleted with (ZW9) pickup bed delete.)

Lane Departure Warning

Following Distance Indicator

Forward Collision Alert

Rear Seat Reminder (Requires Crew Cab or Double Cab model.)

Indicator-Seat Belt WARNING, Rear Seat (Requires Crew Cab or Double Cab model.)

Seat Belt Adjustable Guide Loops front row only (Included and only available on Crew Cab and Double Cab models.)

Teen Driver a configurable feature that lets you activate customizable vehicle settings associated with a key fob, to help encourage safe driving behavior. It can limit certain available vehicle features, and it prevents certain safety systems from being turned off. An in-vehicle report card gives you information on driving habits and helps you to continue to coach your new driver

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Vehicle: [Fleet] 2024 Chevrolet Silverado 3500HD (CK30943) 4WD Crew Cab 172" Work Truck ( Complete )

## Safety-Interior

Buckle to Drive prevents vehicle from being shifted out of Park until driver seat belt is fastened; times out after 20 seconds and encourages seat belt use, can be turned on and off in Settings menu

Tire Pressure Monitoring System, auto learn includes Tire Fill Alert (does not apply to spare tire) (Not included on dual rear wheel models.)

3 Years of Remote Access. The Remote Access Plan gives you simplified remote control of your properly equipped vehicle and unlocks a variety of great features in your myChevrolet mobile app. See dealer for details. (Remote Access Plan does not include emergency or security services. See [onstar.com](https://onstar.com) for details and limitations. Available on select Apple and Android devices. Service availability, features and functionality vary by vehicle, device, and the plan you are enrolled in. Terms apply. Device data connection required.)

## Processing-Other

Trailering Information Label provides max trailer ratings for tongue weight, conventional, gooseneck and

5th wheel trailering (Not available with (ZW9) pickup bed delete.)

## WARRANTY

Warranty Note: <<< Preliminary 2024 Warranty >>>

Basic Years: 3

Basic Miles/km: 36,000

Drivetrain Years: 5

Drivetrain Miles/km: 60,000

Drivetrain Note: HD Duramax Diesel: 5 Years/100,000 Miles; Qualified Fleet Purchases: 5 Years/100,000 Miles

Corrosion Years (Rust-Through): 6

Corrosion Years: 3

Corrosion Miles/km (Rust-Through): 100,000

Corrosion Miles/km: 36,000

Roadside Assistance Years: 5

Roadside Assistance Miles/km: 60,000

Roadside Assistance Note: HD Duramax Diesel: 5 Years/100,000 Miles; Qualified Fleet Purchases: 5 Years/100,000 Miles

Maintenance Note: 1 Year/1 Visit

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Truck body

Knapheide Aluminum A798 service body

Straight bumpers

LED lights

Master Locking Trailer Plug

6 Tie Downs

Paint White

Skid Unit

Poly Propylene with 250 gallon water tank with a 7" high storage frame below

Pump Unit Specifications

CET single stage centrifugal pump

Pump body made from high resistance aluminum alloy

Bronze impeller

Mechanical shaft seal

Exhaust priming system, guaranteed up to 20 (6 meter) lift

One 1 ½" delivery outlet

One 2 ½ suction

Dimensions: length 19 3/3 Width 24 ¼" Height 24 ¾

Weight 147.4 lbs

Engine Specifications

GX630 Honda air cooled engine

V-twin cylinder 4- stroke gasoline engine

Electric start

Charge coil 12V-17A

Performance

Max Flow 300GPM

Max Pressure 205 PSI

240 GPM@50 PSI

Limited Warranty

3 Years

**CALVERT COUNTY FIRE & RESCUE COMMISSION**

**Tuesday, September 26, 2023 at 18:30 Hours**

**AGENDA**

**NEW BUSINESS**  
**B.**

# CALVERT COUNTY FIRE-RESCUE-EMS DEPARTMENTS

## APPARATUS LIFE EXPECTANCY STANDARD

Effective: **26 Sept 2023**

**Purpose:** To establish a prescribed length of time for department's approved apparatus, as it relates to replacement consideration and funding service agreements.

**Standard:**

<b><u>Apparatus</u></b>	<b><u>Life Expectancy</u></b>
Ambulance	8 years
Brush Truck	20 years
Heavy Rescue Squad	20 years
Tanker	20 years
Aerial Device	20 years
Engine / Engine Tanker	20 years
Command Vehicle	10 years
Medic Unit	3 years
Dive Unit	10 years
Rescue Engine	20 years
Fire/Rescue Boat	20 years
Rehab / MCU	As needed

**Procedure:**

- 1) Apparatus will be reviewed and inspected for replacement consideration based on the above chart.
- 2) As part of the annual budget preparation, the apparatus scheduled in the subsequent fiscal year will be reviewed by the Fire and Rescue Commission's (FRC) Apparatus Review Committee (ARC).
- 3) Additionally, if apparatus condition indicates, departments may request inspection review for replacement consideration prior to the established life expectancy with appropriate justification.
- 4) The ARC's findings and recommendations will be forwarded to the FRC, who will make the final determination.

- 5) The above program will be revisited by the Chief's Council, President's Council, Fire/Rescue/EMS Association, the Apparatus Review Committee, and the Fire Rescue Commission every five (5) years.

**APPROVALS:**

\_\_\_\_\_  
Michael Clark, Chair, Calvert County Chief's Council

\_\_\_\_\_  
Date

\_\_\_\_\_  
J. William Freesland III, President, Calvert County Fire/Rescue Asso.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Tom Breen, Chair, Calvert County Fire/Rescue Commission

\_\_\_\_\_  
Date

**Volunteer FREMS Capital Improvement Projects (CIP)**

	NEW	REPLACE	2025	2026	2027	2028	2029
AMB. 18 (medium)	2020	2028			485,000		
AMB. 19 (medium)	2018	2026		471,000			
BOAT 1 (+/- 44-feet)	2019	2039					
BRUSH 1	2020	2040					
COMMAND 1	2016	2026		90,177			
ENGINE 12	2021	2041					
ENGINE 11	2018	2038					
SQUAD 1	2015	2035					
TOWER 1	2017	2037					
BRUSH 2	2018	2038					
COMMAND 2	2015	2025	87,550				
ENGINE 21	2008	2028				1,129,115	
ENGINE 22	2012	2032					
SQUAD 2	2018	2038					
TANKER 2	2013	2033					
TOWER 2	2003	2023	2,012,208				
AMB. 37 (medium)	2022	2030					
AMB. 38 (medium)	2021	2029					515,000
AMB. 39 (medium)	2023	2031					
BOAT 3 (+/- 44-feet)	2024	2044					
BRUSH 3	2021	2041					
COMMAND 3	2015	2025	87,550				
COMMAND 3A	2021	2031					
ENGINE 31	2013	2033					
ENGINE 33 / TANKER 3	2013	2033					
ENGINE 34	2017	2037					
SQUAD 3	2013	2033					
TRUCK 3	2017	2037					
AMB. 47 (Medium Duty)	2015	2023					
AMB. 48 (Medium Duty)	2022	2030					
AMB. 49 (Medium Duty)	2024	2032					
BOAT 4 (+/- 28-feet)	1993	2027					
COMMAND 4	2015	2025					
AMB. 59 (Type I)	2017	2025	444,000				
BRUSH 5	2019	2039					
COMMAND 5	2018	2028	87,550				
ENGINE 51	2006	2026		1,064,299			
ENGINE 52	1998	2021	1,033,300				
RESCUE 5	2003	2023	1,078,994				
TRUCK 5	2020	2040					
TANKER 5	2019	2039					
AMB. 68 (medium)	2023	2031					
AMB. 69 (medium)	2015	2023	444,000				
BRUSH 6	2024	2044					
COMMAND 6	2024	2034					
ENGINE 61	2015	2035					
ENGINE 62	2018	2038					
SQUAD 6	2018	2038					
TANKER 6	2009	2029					790,306
AMB. 77 (medium)	2017	2025	444,000				
AMB. 78 (medium)	2022	2030					
AMB. 79 (medium)	2021	2029					515,000
BRUSH 7	2020	2040					
COMMAND 7	2017	2027					
ENGINE 71	2022	2042					
ENGINE 72	2020	2040					
SQUAD 7	2009	2029					1,805,828
TANKER 7	2015	2035					
MCU / REHAB 7	2019						
MEDIC 101	2023	2026		131,552			143,750
MEDIC 102	2022	2025	127,720			139,563	
MEDIC 103	2018	2021	127,720			139,563	
MEDIC 104	2023	2026		131,552			143,750
MEDIC 105	2021	2024	127,720			139,563	
UTILITY 10	2018	2028				95,668	
DIVE RESCUE 12	2012	2022	127,720				
BOAT 12 (+/- 28-feet)	2024	2042					
UTILITY 12	2024	2034					
<b>APPARATUS</b>			6,230,032	1,888,580	485,000	1,643,472	3,913,634

Ambulance		Engine		Rescue Pumper		Medic		Medium Boat (+/- 28-feet)		Large Boat (+/- 44-feet)	
3%		3%		3%		3%		6%		6%	
2020	\$ 332,000	2020	\$ 678,000	2020	\$ 800,000	2020	\$ 100,000	2020	\$ 479,000	2020	\$ 1,163,000
2021	\$ 352,000	2021	\$ 698,000	2021	\$ 824,000	2021	\$ 103,000	2021	\$ 508,000	2021	\$ 1,237,000
2022	\$ 373,000	2022	\$ 719,000	2022	\$ 849,000	2022	\$ 106,000	2022	\$ 538,000	2022	\$ 1,316,000
2023	\$ 395,000	2023	\$ 741,000	2023	\$ 874,000	2023	\$ 109,000	2023	\$ 570,000	2023	\$ 1,400,000
2024	\$ 419,000	2024	\$ 1,003,204	2024	\$ 1,047,567	2024	\$ 124,000	2024	\$ 640,240	2024	\$ 1,573,040
2025	\$ 444,000	2025	\$ 1,033,300	2025	\$ 1,078,994	2025	\$ 127,720	2025	\$ 678,654	2025	\$ 1,667,422
2026	\$ 471,000	2026	\$ 1,064,299	2026	\$ 1,111,364	2026	\$ 131,552	2026	\$ 719,374	2026	\$ 1,767,468
2027	\$ 485,000	2027	\$ 1,096,228	2027	\$ 1,144,705	2027	\$ 135,498	2027	\$ 762,536	2027	\$ 1,873,516
2028	\$ 500,000	2028	\$ 1,129,115	2028	\$ 1,179,046	2028	\$ 139,563	2028	\$ 808,288	2028	\$ 1,985,927
2029	\$ 515,000	2029	\$ 1,162,988	2029	\$ 1,214,417	2029	\$ 143,750	2029	\$ 856,786	2029	\$ 2,105,082
2030	\$ 530,000	2030	\$ 1,197,878	2030	\$ 1,250,850	2030	\$ 148,062	2030	\$ 908,193	2030	\$ 2,231,387
2031	\$ 546,000	2031	\$ 1,233,814	2031	\$ 1,288,375	2031	\$ 152,504	2031	\$ 962,684	2031	\$ 2,365,271
2032	\$ 562,000	2032	\$ 1,270,829	2032	\$ 1,327,027	2032	\$ 157,079	2032	\$ 1,020,445	2032	\$ 2,507,187
2033	\$ 579,000	2033	\$ 1,308,954	2033	\$ 1,366,837	2033	\$ 161,792	2033	\$ 1,081,672	2033	\$ 2,657,618
2034	\$ 596,000	2034	\$ 1,348,222	2034	\$ 1,407,842	2034	\$ 166,646	2034	\$ 1,146,572	2034	\$ 2,817,075
2035	\$ 614,000	2035	\$ 1,388,669	2035	\$ 1,450,078	2035	\$ 171,645	2035	\$ 1,215,367	2035	\$ 2,986,100
2036	\$ 632,000	2036	\$ 1,430,329	2036	\$ 1,493,580	2036	\$ 176,794	2036	\$ 1,288,289	2036	\$ 3,165,266
2037	\$ 651,000	2037	\$ 1,473,239	2037	\$ 1,538,387	2037	\$ 182,098	2037	\$ 1,365,586	2037	\$ 3,355,181
2038	\$ 671,000	2038	\$ 1,517,436	2038	\$ 1,584,539	2038	\$ 187,561	2038	\$ 1,447,521	2038	\$ 3,556,492
2039	\$ 691,000	2039	\$ 1,562,959	2039	\$ 1,632,075	2039	\$ 193,188	2039	\$ 1,534,372	2039	\$ 3,769,882
2040	\$ 712,000	2040	\$ 1,609,848	2040	\$ 1,681,038	2040	\$ 198,984	2040	\$ 1,626,435	2040	\$ 3,996,075
2041	\$ 733,000	2041	\$ 1,658,143	2041	\$ 1,731,469	2041	\$ 204,953	2041	\$ 1,724,021	2041	\$ 4,235,839
2042	\$ 755,000	2042	\$ 1,707,888	2042	\$ 1,783,413	2042	\$ 211,102	2042	\$ 1,827,462	2042	\$ 4,489,990
2043	\$ 778,000	2043	\$ 1,759,124	2043	\$ 1,836,915	2043	\$ 217,435	2043	\$ 1,937,110	2043	\$ 4,759,389
2044	\$ 801,000	2044	\$ 1,811,898	2044	\$ 1,892,023	2044	\$ 223,958	2044	\$ 2,053,336	2044	\$ 5,044,952
2045	\$ 825,000	2045	\$ 1,866,255	2045	\$ 1,948,783	2045	\$ 230,677	2045	\$ 2,176,537	2045	\$ 5,347,650
2046	\$ 850,000	2046	\$ 1,922,243	2046	\$ 2,007,247	2046	\$ 237,597	2046	\$ 2,307,129	2046	\$ 5,668,508
2047	\$ 876,000	2047	\$ 1,979,910	2047	\$ 2,067,464	2047	\$ 244,725	2047	\$ 2,445,557	2047	\$ 6,008,619
2048	\$ 903,000	2048	\$ 2,039,307	2048	\$ 2,129,488	2048	\$ 252,066	2048	\$ 2,592,290	2048	\$ 6,369,136
2049	\$ 930,000	2049	\$ 2,100,486	2049	\$ 2,193,373	2049	\$ 259,628	2049	\$ 2,747,827	2049	\$ 6,751,284
2050	\$ 958,000	2050	\$ 2,163,501	2050	\$ 2,259,174	2050	\$ 267,417	2050	\$ 2,912,697	2050	\$ 7,156,361

Tanker		Aerial		Squad		Command		Brush (HD)		Dive Rescue Unit		MCU / Rehab	
3%		3%		3%		3%		3%		3%		3%	
2020	\$ 535,000	2020	\$ 1,430,000	2020	\$ 1,036,000	2020	\$ 65,000	2020	\$ 137,000	2020	\$ 69,000	2020	\$ 525,000
2021	\$ 551,000	2021	\$ 1,473,000	2021	\$ 1,067,000	2021	\$ 67,000	2021	\$ 141,000	2021	\$ 71,000	2021	\$ 541,000
2022	\$ 568,000	2022	\$ 1,517,000	2022	\$ 1,099,000	2022	\$ 69,000	2022	\$ 145,000	2022	\$ 73,000	2022	\$ 557,000
2023	\$ 585,000	2023	\$ 1,563,000	2023	\$ 1,132,000	2023	\$ 71,000	2023	\$ 149,000	2023	\$ 75,000	2023	\$ 574,000
2024	\$ 681,725	2024	\$ 1,953,600	2024	\$ 1,557,723	2024	\$ 85,000	2024	\$ 153,000	2024	\$ 124,000	2024	\$ 591,000
2025	\$ 702,177	2025	\$ 2,012,208	2025	\$ 1,604,455	2025	\$ 87,550	2025	\$ 157,590	2025	\$ 127,720	2025	\$ 608,730
2026	\$ 723,242	2026	\$ 2,072,574	2026	\$ 1,652,588	2026	\$ 90,177	2026	\$ 162,318	2026	\$ 131,552	2026	\$ 626,992
2027	\$ 744,939	2027	\$ 2,134,751	2027	\$ 1,702,166	2027	\$ 92,882	2027	\$ 167,187	2027	\$ 135,498	2027	\$ 645,802
2028	\$ 767,287	2028	\$ 2,198,794	2028	\$ 1,753,231	2028	\$ 95,668	2028	\$ 172,203	2028	\$ 139,563	2028	\$ 665,176
2029	\$ 790,306	2029	\$ 2,264,758	2029	\$ 1,805,828	2029	\$ 98,538	2029	\$ 177,369	2029	\$ 143,750	2029	\$ 685,131
2030	\$ 814,015	2030	\$ 2,332,701	2030	\$ 1,860,003	2030	\$ 101,494	2030	\$ 182,690	2030	\$ 148,062	2030	\$ 705,685
2031	\$ 838,436	2031	\$ 2,402,682	2031	\$ 1,915,803	2031	\$ 104,539	2031	\$ 188,171	2031	\$ 152,504	2031	\$ 726,855
2032	\$ 863,589	2032	\$ 2,474,762	2032	\$ 1,973,277	2032	\$ 107,675	2032	\$ 193,816	2032	\$ 157,079	2032	\$ 748,661
2033	\$ 889,496	2033	\$ 2,549,005	2033	\$ 2,032,475	2033	\$ 110,906	2033	\$ 199,630	2033	\$ 161,792	2033	\$ 771,121
2034	\$ 916,181	2034	\$ 2,625,475	2034	\$ 2,093,449	2034	\$ 114,233	2034	\$ 205,619	2034	\$ 166,646	2034	\$ 794,255
2035	\$ 943,667	2035	\$ 2,704,239	2035	\$ 2,156,253	2035	\$ 117,660	2035	\$ 211,788	2035	\$ 171,645	2035	\$ 818,082
2036	\$ 971,977	2036	\$ 2,785,366	2036	\$ 2,220,941	2036	\$ 121,190	2036	\$ 218,141	2036	\$ 176,794	2036	\$ 842,625
2037	\$ 1,001,136	2037	\$ 2,868,927	2037	\$ 2,287,569	2037	\$ 124,825	2037	\$ 224,686	2037	\$ 182,098	2037	\$ 867,903
2038	\$ 1,031,170	2038	\$ 2,954,995	2038	\$ 2,356,196	2038	\$ 128,570	2038	\$ 231,426	2038	\$ 187,561	2038	\$ 893,941
2039	\$ 1,062,105	2039	\$ 3,043,645	2039	\$ 2,426,882	2039	\$ 132,427	2039	\$ 238,369	2039	\$ 193,188	2039	\$ 920,759
2040	\$ 1,093,968	2040	\$ 3,134,954	2040	\$ 2,499,688	2040	\$ 136,400	2040	\$ 245,520	2040	\$ 198,984	2040	\$ 948,382
2041	\$ 1,126,788	2041	\$ 3,229,003	2041	\$ 2,574,679	2041	\$ 140,492	2041	\$ 252,886	2041	\$ 204,953	2041	\$ 976,833
2042	\$ 1,160,591	2042	\$ 3,325,873	2042	\$ 2,651,919	2042	\$ 144,707	2042	\$ 260,472	2042	\$ 211,102	2042	\$ 1,006,138
2043	\$ 1,195,409	2043	\$ 3,425,649	2043	\$ 2,731,477	2043	\$ 149,048	2043	\$ 268,286	2043	\$ 217,435	2043	\$ 1,036,322
2044	\$ 1,231,271	2044	\$ 3,528,419	2044	\$ 2,813,421	2044	\$ 153,519	2044	\$ 276,335	2044	\$ 223,958	2044	\$ 1,067,412
2045	\$ 1,268,209	2045	\$ 3,634,271	2045	\$ 2,897,824	2045	\$ 158,125	2045	\$ 284,625	2045	\$ 230,677	2045	\$ 1,099,434
2046	\$ 1,306,256	2046	\$ 3,743,300	2046	\$ 2,984,758	2046	\$ 162,869	2046	\$ 293,164	2046	\$ 237,597	2046	\$ 1,132,417
2047	\$ 1,345,443	2047	\$ 3,855,599	2047	\$ 3,074,301	2047	\$ 167,755	2047	\$ 301,959	2047	\$ 244,725	2047	\$ 1,166,390
2048	\$ 1,385,807	2048	\$ 3,971,267	2048	\$ 3,166,530	2048	\$ 172,787	2048	\$ 311,017	2048	\$ 252,066	2048	\$ 1,201,381
2049	\$ 1,427,381	2049	\$ 4,090,405	2049	\$ 3,261,526	2049	\$ 177,971	2049	\$ 320,348	2049	\$ 259,628	2049	\$ 1,237,423
2050	\$ 1,470,202	2050	\$ 4,213,117	2050	\$ 3,359,372	2050	\$ 183,310	2050	\$ 329,958	2050	\$ 267,417	2050	\$ 1,274,545